WASHINGTON STATE DEPARTMENT OF HEALTH
OFFICE OF FOOD SAFETY AND SHELLFISH PROGRAMS

ANNUAL GROWING AREA REVIEW

PREPARED BY: Donald J. Melvin Environmental Specialist

AREA: Reach Island

YEAR ENDING: December 31, 2005

CLASSIFICATION: Approved, Prohibited

ACTIVITIES IN THE GROWING AREA IN 2005:

Reach Island was sampled 6 times during 2004 in accordance with the NSSP systematic random sampling criteria

ANALYTICAL RESULTS OF WATER SAMPLES:

Table #1 summarizes the results of the most recent 30 water samples collected from the area. This summary shows that all stations pass the NSSP approved water quality standard.

CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:

We currently have no information indicating that the area has new sources of pollution.

CLASSIFICATION STATUS:

☒ Well within the classification standards
☐ Meets standards but some concerns
☐ Meets standards but threatened with a downgrade in classification
☐ Fails to meet classification standards

REMARKS AND RECOMMENDATIONS:

Water quality and pollution source information indicated that the Reach Island shellfish area is correctly classified.

TABLE 1

SUMMARY OF MARINE WATER DATA (SRS)

Growing Area: **REACH ISLAND**

Classification: **Approved,Prohibited,Unclassified**

From **01/31/2001** To **12/08/2005**

FECAL COLIFORM ORGANISMS/100 ML

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
17	Approved	30	1.7 - 130.0	3.5	13.0	Yes
18	Approved	30	1.7 - 79.0	2.9	10.0	Yes
37	Approved	30	1.7 - 6.8	2.1	3.0	Yes
38	Approved	30	1.7 - 11.0	2.3	4.0	Yes
39	Approved	30	1.7 - 170.0	3.3	13.0	Yes
36	Prohibited	30	1.7 - 33.0	2.9	8.0	Yes
581	Unclassified	20	1.7 - 17.0	2.4	5.0	*N/A
687	Unclassified	2	1.7 - 2.0	1.8	2.0	*N/A

All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.

* N/A - SRS criteria require a minimum of 30 samples from each station. *